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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE

LIST OF PUBLICATIONS AND PATENTS  
OILSEEDS AND RELATED SUBJECTS

of the  
Northern Utilization Research and Development Division  
Peoria, Illinois

1960

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PUBLICATIONS



157. \*Cationic Copolymerization of Some  $\alpha$ -Methylstyrenes with Vinyl 2-Chloroethyl Ether. Solvent Effects. C. S. Marvel and J. F. Dunphy. University of Illinois, Urbana, Illinois. J. Org. Chem. 25, 2209-2211 (1960).
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159. \*Copolymers of Vinyl Chloride and Some Vinyl Esters of Acids Derived from Pinene. C. S. Marvel and Yukio Shimura, University of Illinois, Urbana, Illinois, and F. C. Magne, Southern Utilization Research and Development Division, New Orleans, Louisiana. J. Polymer Sci. 45, 13-24 (1960).
160. Cuphea llavea Seed Oil, A Good Source of Capric Acid. T. L. Wilson, T. K. Miwa, and C. R. Smith, Jr. J. Am. Oil Chemists' Soc. 37, 675-676 (1960).
161. Differentiation of Hydrogen Bromide-Reactive Acids in Seed Oils. C. R. Smith, Jr., M. C. Burnett, T. L. Wilson, R. L. Lohmar, and I. A. Wolff. J. Am. Oil Chemists' Soc. 37, 320-323 (1960).

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\*Reports of research work done by outside agencies under contract with the U. S. Department of Agriculture and supervised by the Northern Utilization Research and Development Division of the Agricultural Research Service.

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166. Gas Chromatographic Characterization of Fatty Acids. Identification Constants for Mono- and Dicarboxylic Methyl Esters. T. K. Miwa, K. L. Mikolajczak, F. R. Earle, and I. A. Wolff. Anal. Chem. 32, 1739-1742 (1960).
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183. Reactions of Unsaturated Fatty Alcohols. XII. Polymers from Polyunsaturated Fatty Vinyl Ethers and Certain Cross-Linking Monomers. L. E. Gast, R. J. Stenberg, Wilma J. Schneider, and H. M. Teeter, NU, and H. O. Schoen, B. G. Brand, and E. R. Mueller, Battelle Memorial Institute, Columbus, Ohio. *Offic. Dig. Federation Soc. for Paint Technol.* 32, 1091-1101 (1960).
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191. \*Vinyl Octadecyl Ether Copolymers. J. F. Dunphy and C. S. Marvel. University of Illinois, Urbana, Illinois. *J. Polymer Sci.* 46, 542-543 (1960).

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PATENTS

(These patents are assigned to the Secretary of Agriculture.  
Copies of patents may be purchased (25 cents each) from the  
U. S. Patent Office, Washington 25, D. C.)

Sulfated Chloroalkanol Detergents. J. C. Cowan, J. K. Weil, and A. S.  
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Protective Coatings Compositions from Aliphatic Condensed Polyunsaturated  
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H. M. Teeter. U. S. Patent 2,952,556. September 13, 1960.

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Smith, Jr., and T. L. Wilson. U. S. Patent 2,964,546.  
December 13, 1960.

